

PA - 01 Low Dose Cisplatin Induced Apoptosis in HL60 Cells

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PA - 02 Anticancer Activity of Medicinal Plant against Neuroglioma

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PA - 03 Lead Nitrate Induced Toxicity on Human Promyelocytic Leukemia (HL-60) Cell Line

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PA - 04 Oxidation of Human Promyelocytic Leukemia HL-60 Cells with Garlic Extract

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PA - 05 Lead Nitrate Exerts Cyto/genotoxic Effects in Human Leukemia (HL-60) Cells

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PA - 06 Sulforaphane Protects Cardiac Cells from Doxorubicin-Toxicity without Inhibiting Anti-Cancer Activity

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PA - 07 MCF-7 Cell Viability Study on *Vernonia amygdalina* Ethanol Aqueous Extract and its Enzymatic Hydrolysates with α - and β -Amylases

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PA - 08 Genotoxic and Apoptotic Effects in Estrogen Receptor Negative Breast Cancerous Cells Exposed to Aqueous *Vernonia amygdalina* Extracts Versus Paclitaxel

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PA - 09 Inhibition of Leptin Secretion by *Vernonia amygdalina* Extract

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PA - 10 Importance of Macrophage-Fibroblast Interactions in Chronic Inflammation Using a Mouse Tumor Model

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PA - 11 Molecular Mechanisms of Aflatoxin B1 (AFB1) Induced Toxicity on Human Liver Carcinoma (HepG2) Cells

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PA - 12 Gene Networks Encoding Universal Stress Proteins in *Brucella* Genomes

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PA - 13 Performance of Complex Cognitive Activities on Interactive Visualizations of Placental Gene Expression Levels

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PA - 14 Bioinformatics Data Analysis of Cancer Datasets for Glutathione S-Transferase Studies

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PA - 15 Bioinformatics Data Analysis to Identify Environmental Factor Related Genetic Causes for Cervical Cancer

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PA - 16 Comparative Study of Cytotoxic and Genotoxic Effects of Peg-Coated and Non-Coated Gold Nano-Particles on Human Kidney Cells

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PA - 17 The Preclinical Assessment of Natural Product as Potential Chemotherapy for Ovarian Cancer

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PA - 18 **Climate Change and *Vibrio-Cholerae* Incidence in the Lake Chad Basin**

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PA - 19 **The Impact of Temperature and PH Change on *Vibrio* Infection in the State of Florida**

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PA - 20 **The Impact of Meteorological and Oceanographic Factors on Sea Level Rise in the US-Gulf of Mexico**

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PA - 21 **Phosphate Spill Effects on Water Quality Parameters in the Grand Bay National Estuarine Research Reserve (NERR)**

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PA - 22 **Spatial Patterns in Vegetation Characteristics and Carbon Storage Ability of the Grand Bay National Estuarine Research Reserve (NERR), Mississippi, USA**

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PA - 23 **The Impact of Benzene Emission on Human Health in Louisiana, Mississippi, and Texas**

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PA - 24 **Recent HIV/AIDS Trends in Sub-Saharan Africa**

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PA - 25 Trends in Food Consumption in the United States Between 1970 and 2010

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PA - 26 Bioinformatics Data Analysis for Lung Cancer Driver Genes Related to Environmental Hazards

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PA - 27 Mississippi Water Quality and Enteric Diseases

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PA - 28 Bioinformatics Data Analysis on Three Renin-Angiotensin System Genes for Hypertension Association Studies among African Americans on Health Disparity

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PA - 29 Designing SWCNT-GNP Hybrids for Detection and Targeted Photothermal Therapy for Multidrug Resistant Bacteria

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PA - 30 Synthesis of Hybrid Fe(III)-Polydopamine for Imaging Guided Photothermal Therapy on Cancer Cells

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PA - 31 Sulfate Binding With a Novel Hexafunctional Urea-Based Receptor

Bobby Portis, Maryam Emami Khansari and Md. Alamgir Hossain

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PA - 32 **Synthesis and Binding Studies of a Novel Tripodal (N-4-Nitrobenzamido) Thiourea-Based Receptor for Anions**

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PA - 33 **Synthesis of Hydrochar and Biochar Materials for Photophysical Properties Studies by Hydrothermal Carbonization Method**

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PA - 34 **Classification of Bacteria by Surface Enhanced Raman Spectroscopy and Principal Component Analysis**

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PA - 35 **Cell Imaging and Fluorometric Detection of Nitric Oxide by Phenanthroline Based Ruthenium Bipyridine Complex**

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PA - 36 **Development of Multifunctional Fluorescent–Magnetic Nanoprobes for Selective Capturing and Multicolor Imaging of Heterogeneous Circulating Tumor Cells**

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PA - 37 **Thinking Small to Conquer Big Problems: Optimizing Synthesis of Iron Oxide Nanoparticles and Small Organic Molecules for Biomedical Applications**

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PA - 38 Molecular Similarity-Based Identification of a Non-Covalent and Anti-trypanosomal Inhibitor of Cysteine Protease Rhodesain

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PA - 39 Design, Synthesis, And Evaluation Of Vinyl Sulfone Derivatives of Monoterpenoids as Anti-trypanosomal Agents.

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PA - 40 Nature of π -Stacking Interactions of Aromatic Nitro Compound Derivatives on Boron Nitride Nanosheets

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PA - 41 Flu Vaccine Usage in Elderly Asthmatics in the USA

Josephine P Obamwonyi, Jung H Lee, Emeka Nwagwu, Russell L Bennett, Sarah G Buxbaum, Azad R Bhuiyan and Jae E Lee

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PA - 42 What Are the Medical Costs of Gunshot Injuries in the State of Mississippi?

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PA - 43 Leptin Resistance and Metabolic Syndrome in the Jackson Heart Study

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PA - 44 Fruit and Vegetable Smoothie Preferences in Rural Communities of Southwest Mississippi

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PA - 45 The Relationship Between Obesity, Risk-Taking Behaviors, and Psychosocial Dysfunction among Mississippi Public High School Students

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PA - 46 Single Particle ICP-MS (sp-ICPMS) for Measurement of Size of Silver Nanoparticles (AgNPs)

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PA - 47 Bioaccumulation of Heavy Metal and Metalloid in *Crassostrea virginica* in the Gulf of Mexico

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PA - 48 The Impact of Lead on *Bacillus thuringiensis* Physiology

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PA - 49 Stroboscopic Reconstruction of the Motion of the Vibrating Vocal Cords in Three Dimensions from Ultrasound Volumetric Images

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PA - 50 Association of Massive Multiplayer Online Role-Playing Game with Social Development and School Performance among Adolescents

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PA - 51 Diversity Oriented Synthesis of Reduced Flavones

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PA - 52 Controlling Chemical Vapor Transport Synthesis of Bismuth Telluride Nanosheets on Mica Substrates

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PA - 53 Exploiting β -Carboline Amides as New Directing Groups for C-H Functionalization Reactions

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PA - 54 Understanding a Mechanism of Guanine Interacting with Hydroxyl Radical Ions to 8-OxoG and FapyG: A Theoretical Study

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PA - 55 Contextual Information Influence on Steady-State Visually Evoked Potentials During Visual Search

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PA - 56 The Development and Characterization of Polyelectrolyte Polymer-Peptide Nanoplexes for Antimicrobial Applications

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PA - 57 Has Fire Suppression Affect Plant Regeneration Patterns?

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PA - 58 Environmental Impacts of New Generation of Insecticides Clothianidin and Thimethoxam

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PA - 59 A GIS Approach to Study the Impact of Lifestyle Factors on Alzheimer Disease

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PA - 60 Determining the Lifespan of the Nematode, *Caenorhabditis elegans*, *Dod-19* Mutant

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PA - 61 Reconstitution of RNA Polymerase IV from *Aridopsis thaliana* from the Recombinant Subunits Expressed in Bacteria

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PA - 62 Tumor Regression via Over Expression of Transcriptional Factor FOXO3A In Glioblastoma U 87 Cell Line

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PA - 63 Impact of Community and School Gardens in Eliminating Food Desserts in Urban Communities

Kendrick Walker and Russell L. Bennett

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PA - 64 Arsenic Trioxide Induces Changes in Induced Pluripotent Stem Cells

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PA - 65 *Jameka Grisby*

PA - 66 **Use of Sholl Analysis to Determine Effects of Chronic Sleep Restriction on Dendritic Morphology**

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PA - 67 **Water Quality of the Laguna de Bustillos in Chihuahua, Mexico**

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